

**To:** Corado, Ana[Corado.Ana@epa.gov]  
**Cc:** Kramek, Niva[kramek.niva@epa.gov]  
**From:** Morose, Gregory  
**Sent:** Fri 1/20/2017 2:51:11 PM  
**Subject:** RE: New Paint Stripper Formulation without Methylene Chloride or NMP

.....  
>>>>>

Hello Ana,

We last spoke in late November about the new paint stripping formulation that was developed at the University of Massachusetts Lowell that works comparable to methylene chloride based paint strippers for wood substrates. Since that time, we have obtained lab test results that it works comparable to methylene chloride based paint strippers also for metal and masonry substrates, and we have had discussions with two paint stripper manufacturers about commercializing this new product.

I would like to formally document these results and submit them during the comment period for the proposed rule for Methylene Chloride and NMP Regulation of Certain Uses Under TSCA Section 6(a). The University of Massachusetts Lowell formulation works far better than the current alternatives available on the market, and is much less expensive than the alternatives containing benzyl alcohol, dibasic esters, etc. Could you please let me know how to access a copy of the following report so that I can also comment on the economic analysis:

“EPA. Economic Analysis of Proposed TSCA Section 6 Action on Methylene Chloride and N-Methylpyrrolidone (NMP) in Paint and Coating Removal (EPA Docket EPA-HQ-OPPT-2016-0231; RIN 2070-AK07). Office of Pollution, Prevention, and Toxics. Washington, DC.”

Thank you.

Greg

\*\*\*\*\*

Gregory Morose, Sc.D.

Research Professor, College of Health Sciences

Research Manager, Toxics Use Reduction Institute

University of Massachusetts Lowell

**Ex. 6 - Personal Privacy**

## Ex. 6 - Personal Privacy

\*\*\*\*\*

**From:** Corado, Ana [mailto:Corado.Ana@epa.gov]  
**Sent:** Thursday, December 01, 2016 1:34 PM  
**To:** Morose, Gregory  
**Subject:** RE: New Paint Stipper Formulation without Methylene Chloride or NMP

Greg,

As promised yesterday, below is the link to follow the status of the paint removers regulation:

<http://www.reginfo.gov/public/do/eoDetails?rrid=126926>

I see that the information is a bit dated, I think OMB is behind with their updates, so it might take some time to see any new information on the site.

Ana

Ana Corado, D. Env.

Environmental Engineer

Existing Chemicals Branch, CCD

Office of Pollution Prevention and Toxics

U.S. Environmental Protection Agency

1200 Pennsylvania Ave., N.W.

WJC East, Room 4121H

Washington, D.C. 20460

e-mail: [corado.ana@epa.gov](mailto:corado.ana@epa.gov)

phone: 202-564-0140

fax: 202-564-8251

**From:** Morose, Gregory  
**Sent:** Wednesday, November 30, 2016 10:45 AM  
**To:** Corado, Ana <[Corado.Ana@epa.gov](mailto:Corado.Ana@epa.gov)>; Kramek, Niva <[kramek.niva@epa.gov](mailto:kramek.niva@epa.gov)>  
**Subject:** RE: New Paint Stipper Formulation without Methylene Chloride or NMP

Ex. 6 - Personal Privacy

Ana and Niva,

Attached are the slides that I will cover during our conference call today. Also, Marcus Aguilar from EPA Region 9 will be joining the call.

I look forward to speaking with you.

Best regards,

Greg

**From:** Morose, Gregory

**Sent:** Sunday, November 27, 2016 12:20 PM

**To:** Corado, Ana; Kramek, Niva

**Cc:** Morose, Gregory

**Subject:** RE: New Paint Stripper Formulation without Methylene Chloride or NMP

Ana and Niva,

Nov. 30th at 2:00 PM works for me. I will send you some presentation slides before the meeting. I look forward to speaking with you.

Best regards,

Greg

---

**From:** Corado, Ana [Corado.Ana@epa.gov]

**Sent:** Friday, November 25, 2016 2:39 PM

**To:** Morose, Gregory; Kramek, Niva

**Subject:** RE: New Paint Stripper Formulation without Methylene Chloride or NMP

Dear Greg,

As Niva mentioned, I'm now working with her and our efforts to manage the risks from methylene chloride and NMP as paint removers. We are very interested in your work and appreciate making yourself available to share the information.

Seems that the best time is next Wed. Nov. 30 from 2 to 3 pm.

We'll be using the following conference number:

**Ex. 6 - Personal Privacy**

We look forward to our call. Please send me any material that you would like to share with us, and I'll distribute to participants,

Ana Corado

Ana Corado, D. Env.

Environmental Engineer

Existing Chemicals Branch, CCD

Office of Pollution Prevention and Toxics

U.S. Environmental Protection Agency

1200 Pennsylvania Ave., N.W.

WJC East, Room 4121H

Washington, D.C. 20460

e-mail: [corado.ana@epa.gov](mailto:corado.ana@epa.gov)

phone: 202-564-0140

fax: 202-564-8251

**From:** Morose, Gregory

**Ex. 6 - Personal Privacy**

**Sent:** Friday, November 25, 2016 12:57 PM

**To:** Kramek, Niva <[kramek.niva@epa.gov](mailto:kramek.niva@epa.gov)>

**Cc:** Sleasman, Katherine <[Sleasman.Katherine@epa.gov](mailto:Sleasman.Katherine@epa.gov)>; Corado, Ana <[Corado.Ana@epa.gov](mailto:Corado.Ana@epa.gov)>

**Subject:** RE: New Paint Stipper Formulation without Methylene Chloride or NMP

Hello Niva,

I am available for a conference call next week any time during the following time slots:

Monday 11/28: 1:00 PM - 4:00 PM

Tuesday 11/29: 11:00 AM - 1:30 PM

Wed. 11/30: 12:00 PM - 4:30 PM

Thurs. 12/1: 9:00 AM - 12:30 PM

Please let me know if you have any availability during these time slots.

Thanks.

Greg

---

**From:** Kramek, Niva [kramek.niva@epa.gov]  
**Sent:** Wednesday, November 23, 2016 5:03 PM  
**To:** Morose, Gregory  
**Cc:** Sleasman, Katherine; Corado, Ana  
**Subject:** Re: New Paint Stripper Formulation without Methylene Chloride or NMP

Dear Greg -

Thank you for the email! I am sorry I did not have time to call you today to discuss further. I would like to find a time next week to talk; let's try to coordinate on Monday. Katherine is no longer working on this project, but I have added our new lead, Ana.

Looking forward to speaking with you soon!

Niva

Niva Kramek

Existing Chemicals Branch,

Chemical Control Division

Office of Chemical Safety and Pollution Prevention

US Environmental Protection Agency

202-564-4830

[Kramek.niva@epa.gov](mailto:kramek.niva@epa.gov)

On Nov 23, 2016, at 09:23, Morose, Gregory <[Gregory\\_Morose@uml.edu](mailto:Gregory_Morose@uml.edu)> wrote:

Hello Niva and Katherine,

I have some information that could be helpful for the upcoming TSCA rulemaking for methylene chloride and NMP in paint strippers. I am a Research Professor at the University of Massachusetts Lowell and for the past year have been conducting research into non-methylene chloride based paint strippers. I am currently funded by an EPA P3 award to continue research in this area. I have recently filed a patent application for a new solvent blend that is comparable in performance to methylene chloride based strippers, and performs significantly better than paint stripper formulations based on benzyl alcohol,

NMP, dibasic esters, formic acid, and acetone.

I can share with you the performance testing results and comparison with 3 methylene chloride based products, 3 NMP based products, and 4 commercially available products based on other chemistries. Please let me know if you are interested.

Thank you.

Best regards,

Greg Morose

\*\*\*\*\*

Gregory Morose, Sc.D.

Research Professor, College of Health Sciences

Research Manager, Toxics Use Reduction Institute

University of Massachusetts Lowell

**Ex. 6 - Personal Privacy**

\*\*\*\*\*